Amateur Radio Newsline(tm) Report 1642 - January 30 2009

Amateur Radio Newsline report number 1642 with a release date of Friday, January 30th, 2009 to follow in 5-4-3-2-1.

The following is a QST. United States hams gets a new rules enforcer at the FCC, Russia says no more space tourist flights after 2009, South African hams try to help the crew of a yacht lost at sea, a full size 160 meter beam goes up in Finland and what to do with all those dead batteries. Learn the details on Amateur Radio Newsline(tm) report number 1642
coming your way right now.

(Billboard Cart Here)

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ENFORCEMENT: FCC NAMES LAURA L. SMITH TO ENFORCE THE HAM RADIO RULES

Laura L. Smith has been named as the new Special Counsel for the Spectrum Enforcement Division of the FCC's Enforcement Bureau. She replaces Riley Hollingsworth, K4ZDH, who retired last July 3rd. Bill Pasternak, WA6ITF, is in the newsroom with more:

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Attorney Laura L. Smith is a 1990 graduate of the Pepperdine University School of Law. She began her legal career with the FCC, working in the Mass Media Bureau and Wireless Telecommunications Bureau. She also served as Deputy Division Chief of the Public Safety and Private Wireless Division.

In 1998, Smith departed FCC service to become Executive Director of Governmental Affairs for the Industrial Telecommunications Association. In 2001, she was named as the organization's President and Chief Executive Officer. She has also served of counsel with the Maryland law firm of Shulman Rogers, where she dealt primarily with telecommunications issues.

Smith has served as an industry consultant and written columns for a variety of trade publications including Mobile Radio Technology Magazine and The Private Wireless Magazine. She is currently licensed to practice law in the Commonwealth of Virginia.

Her appointment has been very welcome news to the nation's ham radio community, which in recent months has seen a noticeable increase in overt rules violations. Smith's appointment will make it clear to those who break the rules that the FCC intends to continue to work with the ham radio community to get regulatory violators to reform or, if necessary, take them off the air.

For the Amateur Radio Newsline, I'm Bill Pasternak, WA6ITF, in the studio in Los Angeles.

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The ARRL seems very pleased with Smith's appointment. In a statement on

Monday, January 26th, League President Joel Harrison, W5ZN, said that he was very pleased to see the Commission move forward with the hiring of a new Special Counsel responsible for enforcement of the Amateur Radio Service rules. (QRZ.com, ARRL, others)

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BREAKING DX NEWS: K5D WILL BE ON THE AIR FEBRUARY 5TH

Some breaking news from the world of DX. This with word from Bob Allphin, K4UEE and Glenn Johnson, W0GJ, that the long awaited Desecheo Island K5D operation will begin late in the day on February 12th.

In a widely distributed press statement the planners say that because Desecheo is so very rare that there are many, many hams worldwide that need KP5 for an all-time new one. Therefore, K4UEE and W0GJ are asking that you not contact the DXpedition on any band or using any mode that you have confirmed from a previous DXpedition. This will allow the people who really need a new DXCC entity a better opportunity to get through the pileups.

Allphin and Johnson also say that theirs is not to establish a world record for contacts. Because of this, there will not be any competitions for most band or mode QSOs, no certificate or awards for contacting the DXpedition more times than anyone else, and the like. In fact, they ask that those who already have Desecheo confirmed on a particular band or mode to, in their words, exercise restraint.

For those not aware, Desecheo Island is ranked the No.6 most-wanted contact worldwide. It's No.3 in Europe and No.2 in Asia. We will have more DX news later on in this week's newscast. (K5D Release)

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RESCUE RADIO: US AND SOUTH AFRICA COOPERATE IN SEARCH FOR VESSEL IN DISTRESS

South Africa's Hamnet amateur radio distress agency was called out on Thursday, January 22nd. This, when the United States Coast Guard contacted the South African Radio League regarding a distress signal received from a yacht at the time believed to be some 200 miles off the coast of Madagascar. Amateur Radio Newsline's Bruce Tennant, K6PZW, picks up the story from here:

News reports say that the Queequeg II was on an around the world sailing adventure when it was lost at sea. The reports note that the crew fought very rough seas for a day and a half before it capsized at about 16:30 UTC.

Amateur radio was brought into the search and rescue operation when South Africa's Hamnet was mobilized to assist in the search for the missing yacht following a request passed-on by the South African Radio League. It had been contacted by the United States Coast Guard.

Hamnet, in turn, contacted Alistair Campbell, ZS6MU. Campbell runs the daily South Africa-based Maritime Mobile Net. He was asked whether the net members had received any information regarding the missing vessel. When the operators of the network responded that they did not know of the yacht

ZS6MU, he contacted the Reunion Island Coastguard. It then initiated a search and rescue operation. The net then remained in operation in case a radio distress message might be heard.

The yacht was eventually found floating upside down in the water. Lone survivor Leo Sherman was picked up by a merchant vessel. It was Sherman who told rescuers that two other men apparently went overboard without life jackets. They were identified as famed global sailor Quen Cultra of Onagra, Illinois and a maritime naturalist, Joe Strykowski, of Crystal River, Florida.

A several day search for Cultra and Strykowski was conducted by the international Rescue Coordination Center at Reunion Island. It was called off after searchers reasoned that their survival in the rough waters without life jackets meant that their possibility of survival was minimal.

For the Amateur Radio Newsline, I'm Bruce Tennant, K6PZW, monitoring this story from Los Angeles.

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According to news reports, a memorial is planned for Quen Cultra in 2010 on what would have been his 75th birthday. More about the around the world journey that he and his crewmates were on is on-line at www.queequegtwo.com   (SARL, Kankakee Journal, ARNewsline,)

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HAM RADIO IN SPACE: NO MORE SPACE TOURISTS AFTER 2009

Russia says that the International Space Station will be off limits to space tourists after 2009. This, as its crew grows from three to six. Roscosmos is Russia's space agency. In an interview with a Russian daily newspaper its director Anatoly Perminov said that the last commercial flights would be made this year. This will include the second flight by American millionaire Charles Simoni, KE7KDP, and another by ayet-to-be-named Kazakh national.
The Kazakh National Space Agency previously said that one of its cosmonauts would fly to the ISS in October, 2009. Roscosmos earlier announced that a Russian space tourist hopeful would miss out on a trip to the ISS and that a Kazakh cosmonaut would likely take his place. (G0SFJ, Southgate)

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HAM RADIO IN SPACE: NASA SEEKS HAM HELP WITH STEREO SUN MISSION STUDY

NASA says it needs ham radio help to keep track of signals from the STEREO mission.

STEREO is an acronym for the twin Solar Terrestrial Relations Observatory. It employs two nearly identical space-based observatories to provide the first-ever stereoscopic measurements to study the Sun. One leads the Earth in orbit and the other trails our planet by the same distance.

Chris St. Cyr of the Goddard Space Flight Center says that NASA's Deep Space Network downloads data from STEREO only three hours a day. He says that's plenty of time to capture all of the previous day's data, but the space agency would like to monitor the transmissions around the clock. To accomplish this St. Cyr says that hams experienced with receiving weak signals in the microwave region can participate in the historic mission by helping NASA capture the spacecraft's images.

Bill Thompson is the director of the STEREO Science Center at Goddard. He explains that hams would be a part of an amateur radio-based mini-Deep Space Network. One that that would monitor STEREO around the clock.

Thompson notes that the two spacecraft beam their data back to Earth via an X-band beacon. He says that anyone with a 10-meter dish antenna and a suitable receiver can pick up the spacecraft signals. He notes that the data rate is a slow 500 bits per second, and it takes 3 to 5 minutes to download a complete image.

So far, the mini-Network includes stations in the United Kingdom, France and Japan but Thompson is looking for more volunteers. Information on contacting Bill Thompson to become a part of this mission is on-line at http://stereo-ssc.nascom.nasa.gov/contact/contact.shtml (NASA)

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BREAK 1

From the United States of America, We are the Amateur Radio Newsline, heard on bulletin stations around the world including the W9ELK repeater serving Elkhorn, Wisconsin.

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ENFORCEMENT: PENNSYLVANIA EXTRA CLASS HAM ISSUED $4000 NAL

An Extra class ham in Pennsylvania has been issued a Notice of Apparent Liability in the amount of four thousand dollars. This, on allegations that Jose Torres, N3TX, of Philadelphia, apparently willfully and repeatedly operated his amateur station on an unauthorized frequency just below the 11 meter Citizens Band. Amateur Radio Newsline's Mark Abramowicz, NT3V, has more:

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According to federal documents filed in the case, the Federal Communications Commission investigation of Torres began in December 2007.

Agents responded to a complaint of over-the-air television interference from one of his neighbors and found transmissions going on below the CB Band at 26.71 Mhz.

Using direction-finding equipment, agents traced the source of the transmissions to Torres' home. When they were admitted to the home, the agents found Torres' transmitter turned off. They asked him to turn it on and found it had been set to 26.71 Mhz.

The documents say Torres denied making the transmissions and he claimed to be listening to Spanish transmissions from another station.

Torres voluntarily told the agents he holds an Extra Class Ham License with the call sign of N3TX. He was told by them he had no privileges to transmit on that band.

The case documents say Torres received a Notice of Violation in January 2008 and agreed he would cease illegal transmissions.

But, the documents say by February, the FCC received an email from the neighbor saying the interference had returned.

FCC agents returned to the area with monitoring and recording equipment in April 2008 and June 2008 and found transmissions again coming from Torres' residence.

They also noted in the complaint that in addition to being well out of band for his privileges, he failed to identify himself.

As a result of what the FCC called willful violations, it imposed the 4-thousand-dollar penalty in a filing dated January 6 of this year.

For the Amateur Radio Newsline, I'm Mark Abramowicz, NT3V, in Philadelphia.

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Torres was given the usual 30 days to pay, request a reduction in the amount, or to file an appeal. (FCC)

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JUSTICE: ANOTHER ACCUSED IN THE MURDERS OF KD7VWJ AND KD7VWK ON TRIAL

The capital murder trial of a third defendant in the murder at sea of Thomas and Jackie Hawkes, KD7VWJ and KD7VWK, has begun in Southern California. 43-year-old John Fitzgerald Kennedy is accused of being the muscle man in the killings of a couple tied to an anchor and thrown off their boat off the coast of Southern California's Newport Beach.

Senior Deputy District Attorney Matt Murphy said the mastermind of the plan to steal the yacht was convicted killer Skylar Deleon. Deleon wanted to steal both the Hawke's yacht and their identity so he could rifle their life savings.

Like Deleon, Kennedy was charged with two counts of murder with the special circumstances of murder for financial gain and multiple murder. Prosecutors are seeking the death sentence in the case.

Deleon has already been convicted of the murders and several other counts. He faces the death penalty when he is sentenced on March 20. (ARNewsline(tm) from news reports)

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COMMUNICATIONS LAW: DTV DATE-CHANGE FAILS

In a surprising turn of events, the United States House of Representatives on Wednesday, January 28th failed to pass the Digital TV transition date change bill. This putting the move of the DTV transition date in doubt after all of the momentum seemed to be moving toward a four-month delay to June 12th.

As of this writing, February 17th remains the official transition date. The move to change the date went down to defeat when only 61% of the House members voted in favor. A 2/3 majority or a vote of 66.66% was required for passage. (CGC Communicator)

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RADIO BUSINESS: MORE LAYOFFS AT MOTOROLA

In business news, word that mobile radio and handset maker Motorola Inc. says that it will cut 4,000 more jobs in 2009. This, in addition to 3,000 it announced last year.

Some 3000 of those lost in the new round of layoffs will be in the mobile devices business. About 1,000 jobs are tied to corporate functions and other business units.

The company said the move will save about $700 million a year starting in 2009, and totaling $1.5 billion in annual savings when combined with the previous cut. The move is the latest in cost-cutting measures by Motorola, which has been struggling to revive its business in recent years. (Published reports)

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HAM RADIO OPS: CERTIFICATES WITH NO EVENT

From the ham radio ops department comes some good and some bad news from ARRL Contest Branch Manager Sean Kutzko, KX9X. He says that certificates for the 2008 January VHF Sweepstakes were mailed out on time.

The bad news is that unfortunately, they went out the door without the name of the event listed on the certificate.

Not to worry. The good news is that replacement certificates have already been printed. They were to be mailed out on Monday, January 26th. (VHF Reflector)

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NEWSLINE FOLOW-UP: ROCHESTER - NOW THERE IS ONLY ONE

A follow-up to last weeks story on the 2009 Rochester New York Hamfest. As of Tuesday, January 27th, it appears that there is now only one organization now planning to hold the event. That's the Rochester Amateur Radio Association which says that it is a 75-year sponsor of the Rochester Hamfest and now appears to have possession of the www.rochesterhamfest.org

website.

As late as Sunday, January 24th, typing in that URL would have taken you to the website operated by a ham named Harold Smith, K2HC, who was a longtime organizer of the Rochester event. As pointed out in the Syracuse Post Standard by columnist Lee Badman, KI2K, that web site, www. Rochesthamfest.org was claiming that the hamfest would be at the traditional site.

But, the Rochester Amateur Radio Association via its www.rochesterham.org also claimed that it would host the official event. It said that it was moving the hamfest to a new location at Rochester's Barnard Carnival Grounds and shortening the hamfest down to one day.

By Tuesday, some sort of accommodation seemingly had been reached. Now, typing in either URL's taking a net surfer to the Rochester Amateur Radio Association's website. Hopefully, that will put the matter permanently to rest. (ARNewsline(tm))

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ARRL HAPPENINGS: WB5SYT APPOINTED AS WEST GULF VICE DIRECTOR

ARRL President Joel Harrison, W5ZN, has appointed Oklahoma Section Manager J. John Thomason, WB5SYT, as the new Vice Director in the West Gulf Division. An Extra class licensee, Thomason has been an ARRL member for more than 20 years and has served as Oklahoma Section Manager since 2003.

Among his achievements while Section Manager, Thompson supported and promoted passage of Oklahoma Senate Bill 426. This measure permits the installation of an Amateur Radio antenna or an Amateur Radio antenna support structure at a height deemed sufficient to accommodate the communications needs of radio amateurs in the state.

Thomason replaces David Woolweaver, K5RAV, who moved up to Director with the recent retirement of former Division Director Coy Day, N5OK. (ARRL)

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HAM HEROES: NATIONAL SECURITY MEDAL AWARDED TO FORMER NCTC DIRECTOR K0DQ

In one of his last official duties as President of the United States, George W. Bush presented the National Security Medal to retired Vice Admiral John "Scott" Redd, K0DQ. This, at a White House Ceremony on January 16th.

Redd was recognized by the President for his more than 40 years of exceptional service to the Nation strengthening its intelligence capabilities and improving national security. The National Security Medal is America's highest intelligence award reserved for those with distinguished achievements or outstanding contributions in the field.

Redd became the first Senate confirmed director of the National Counter-Terrorism Center in August 2005 and served in that position until November 2007. The National Counter-Terrorism Center leads the United

States Government's efforts in combating terrorism by analyzing and sharing
threat information and integrating all elements of national power to defeat terrorist threats at home and abroad.

An avid amateur radio operator, Redd has won numerous amateur radio operator awards including seven world championships. In May of 2008 he was inducted into the CQ Amateur Radio Hall of Fame.

Redd is a native of Sidney, Iowa. He graduated second in his class from the United States Naval Academy in 1966. He and his wife Donna currently reside in the suburbs of Washington, D.C. (ARRL, eHam, others)

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NAMES IN THE NEWS: NYC LEARNING COMPLEX NAMED FOR LATE HUSBAND OF WB2MGP

Though a bit late in being reported, word that a new school in the Big Apple has been named in honor of the late husband of New York City educator Carole Perry-Parker, WB2MGP. Amateur Radio Newsline's Rebecca Bruce has the details:

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The opening of the Jerome Parker Educational Complex was celebrated at the New Springville, Staten Island school campus late last October. The center is named in memory of Jerome Parker, the late husband of New York City educator Carole Perry-Parker, WB2MGP.

The new complex houses students from four schools. These are the Marsh Avenue Expeditionary Learning School for middle school students, the Gaynor McCown Expeditionary Learning School for high school students, the College of Staten Island High School for International Studies, and Hungerford School for students with autism.

Several hundred people attended the event. Dignitaries attending included Staten Island New York Borough President James P. Molinaro, Assemblyman Michael Cusick and Councilman Vincent Ignizio.

Jerome Parker was a former New York City Board of Education official who founded Talent Unlimited High School in Manhattan. He was best known for his outreach efforts for children with special needs. In keeping with that outreach theme, the learning center will eventually have an operational ham radio station for all of the schools to use. WB2MGP tells Newsline that she plans to teach ham radio as an after-school program while training science teachers to get their own ham radio licenses and eventually take over the program.

For the Amateur Radio Newsline, I'm Rebecca Bruce, In Los Angeles.

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In accepting the honor for her late husband, WB2MGP said that while for her it was a bitter-sweet moment, that all gathered for the dedication were present to concentrate on the sweet part. (ARNewsline(tm))

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This is ham radio news for today's radio amateur. From the United States of America, We are the Amateur Radio Newsline with links to the world from our only official website at www.arnewsline.org and being relayed by the volunteer services of the following radio amateur:

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YHOTY: NOMINATIONS SOUGHT FOR THE 2009 YOUNG HAM OF THE YEAR AWARD

Nominations are now open for the 2009 Newsline Young Ham of the Year Award. The "Young Ham of the Year Award" or YHOTY is presented annually to a licensed amateur radio operator who is 18 years of age or younger. He or she must be a resident of the United States, its territories including Puerto Rico, or any Canada province, who has provided outstanding service to his or her nation or community, or improved the state of the art in communications through the amateur radio hobby service.

A nominee should be someone who has done something outstanding as an amateur radio operator. Perhaps it was something special he or she did for his or her community through the Amateur service. Maybe it was some outstanding achievement that led to an improvement in amateur radio in his or her area. Or perhaps he or she was successful in recruiting a lot of new hams, as was the case with 2008's honoree, Emily Stewart, KC0PTL.

All nominations must be received by May 30, 2009 on an official application and be accompanied by verification materials. Applications forms are available for a self-addressed, stamped envelope mailed to the Young Ham of the Year Award, c/o Newsline, 28197 Robin Avenue, Santa Clarita, California 91350. These nominating applications are also available for electronic download from www.arnewsline.org. Just scroll to the bottom of the page and click on the words "2009 YHOTY Nominations Now Open."

The Young Ham of the Year Award is sponsored by the Amateur Radio Newsline, with corporate support from Vertex-Standard and CQ Communications, Inc.. (ARNewsline(tm))

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HAM RADIO IN SPACE: K6DUE CALL NOW PART OF ISS AMATEUR RADIO CLUB

The K6DUE callsign of the late NBC Newsman Roy Neal is now the call of the International Space Station Amateur Radio Club. According to ARISS International Chairman Frank Bauer, KA3HDO, the call letters will initially be used for ground station operations but may be used for other activities in the future.

For those not aware, Roy Neal., K6DUE, spent more than five decades as a broadcaster specializing in science and aerospace reporting for the National Broadcasting Company. He is generally credited with convincing then NASA chief Jess Moore to permit ham gear to be flown on board the early space shuttle missions. The first of these was STS-9 that carried Spacelab One and Mission Specialist Owen Garriott, W5LFL, who made the first-ever ham radio contacts from a spacecraft on-orbit.

After Garriott's successful flight, Neal and several others formed the group known as SAREX -- the Shuttle Amateur Radio Experiment. Later called the Space Amateur Radio Experiment, it was a program that promoted and supported the use of amateur radio by astronauts in low earth orbit aboard the United States Space Shuttle. This, to communicate with other amateur radio stations around the world especially those in classrooms as a scientific demonstration. It was superseded by the Amateur Radio on the International Space Station or ARISS program that we hear so much about today.

Roy Neal, K6DUE, passed away at age 82 on August 15, 2003, following open heart surgery. On November 11th 2003 the Amateur Radio on the International Space Station organization announced an on-the-air event to commemorate Roy Neal's lifetime of achievements in ham radio. Now, with the acquisition of his K6DUE call letters by the International Space Station Amateur Radio Club, Roy Neal's contributions to manned ham radio operations from space will live on in perpetuity. (ARNewsline(tm), KA3HDO)

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HAM RADIO IN SPACE: JAPAN LAUNCHES SIX HAM RADIO MICROSATS

Japan has launched six microsat ham radio satellites. The tiny birds were carried aloft on January 23rd at 03:54 UTC from the Yoshinubo Launch Complex on Tanegashima Island.

The small satellites with Amateur Radio capabilities launched with this satellite are SDS-1, SOHLA-1, SPRITESAT, PRISM, KKS-1, STARS-1, and the KAGAYAKI. They were a combined secondary payload to the GOSAT Ibuki Greenhouse Gases Observing Satellite. Further information on the six new ham radio birds including frequencies and orbital data can be found on the AMSAT website. (JN1GKZ, AMSAT)

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HAM TECHNOLOGY: BRINGING A 6 METER REPEATER TO LIFE

Construction of the 53.77 MHz Gunstock, New Hampshire 6 meter repeater has been memorialized in a series of photos now on the World-Wide-Web. The pictures do their best to capture the fun and excitement of bringing the repeater to life from a famed skiing resort. Just go to http://www.gemoto.com/cnharc/gunstock.htm on the World-Wide-Web. (CGC)

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EMERGING TECHNOLOGY: CALIFORNIA MAY PERMIT ONLY ECO-FRIENDLY TV'S

Legislators in California are drawing up the first rules in the US requiring retailers to sell only the most energy-efficient television models being manufactured beginning in 2011.

Flat-screen televisions use far more energy than conventional models and some plasma screen televisions demand up to four times as much. Energy regulators say curbing the number of power-hungry television sets in the state could save as much energy as used by over 86,000 homes in a given year.

The move is opposed by some television manufacturers. They claim that regulations such as this could bump-up the average price of televisions by a significant amount, limit consumer choice and encourage shoppers to buy online or outside the state for models not covered by the rules.

California, the nation's most populous state, requires huge amounts of power for its industries and energy-hungry population. Similar rules requiring refrigerators and other domestic appliances to be energy efficient have been in place for decades. (London Daily Telegraph)

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WORLDBEAT: GIANT 16 METER BEAM ERECTED IN FINLAND

A full size, 160 meter beam has been erected for use in a recent radiosports event. This, as the group at Radio Arcala in Finland put up the 39-ton, 3-element full-size monster in mid-January so as to have had it ready for the 2009 C Q World Wide 160 meter contest from the 23rd to the 25th of January.

But, the large low frequency array was put up for more than just contesting at the OH8X. station. Contest. Radio Arcala is also cooperating with the University of Oulu in several areas of High Frequency propagation study that require an antenna of this size and directivity. They also welcome and acknowledge field reports to oh1wz (at) sral (dot) fi.

(GB2RS)

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DX

In DX, G3TBK will shortly resume operations from the Caribbean Island of Saint Vincent, using the callsign J88DR. Operation will continue until mid-March using CW, SSB, RTTY and SSTV, using all HF bands. QSL via G3TBK, either using the bureau or direct. Please note that no further cards will be answered until mid-March. All cards received for previous operations by J88DR have now been mailed out.

And word that HS0ZGQ will be on the air from Koh Samui Island until February 12th. QSL to DL1MJF.

J79XBI will be on the air until April 1st while on holiday in Dominica. Activity will be on the HF bands using SSB. QSL via SM0XBI.

Lastly, to mark the Millennium of Lithuania, a number of radio club members are on the air with the prefix LY1000 until the 1st of March. Activity is on all bands and modes. QSL as directed on the air

(Above from various DX news sources)

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THAT FINAL ITEM: RECYCLING ALKALINE BATTERIES

And finally this week a word about recycling spent batteries. Burt Hicks, WB6MQV, has the details:

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Its widely known that the U.S. government classifies alkaline batteries as non-hazardous waste. That means that in most places they can be disposed of in normal household trash.

But not all states agree. California for example has laws that require you to properly recycle them. And even some cities and counties are getting into the forced alkaline battery recycling act. The February edition of Popular Photography magazine notes that Hennepin County, Minnesota also requires that you dispose of them through proper recycling.

And, depending where you live, Nickel-Cadmium, Nickel Metal Hydride, Lithium-Ion and even old fashioned Carbon based cells can be considered as hazardous waste. This means that you cannot just toss them into the garbage can. Rather you must dispose of these cells according to federal, state and local laws for your area.   In most cases this means dropping them off at a recycling center.

So what do you do to find a used battery recycling center? Take to the World-Wide-Web and go to www.rbrc.org to locate one close to you.

And I'm Burt Hicks, WB6MQV, in Los Angeles.

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As local, laws are constantly changing, you might want to check your city and state websites to find out what restrictions on battery disposal are in your geographic locale. (ARNewsline(tm) adapted from PopPhoto and other sourcs.)

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NEWSCAST CLOSE

With thanks to Alan Labs, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB, the Southgate News and Australia's WIA News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline (at) arnewsline (dot) org. More information is available at Amateur Radio Newsline's(tm) only
official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

For now, with Bill Pasternak, WA6ITF, at the editor's desk, I'm Don Carlson, KQ6FM, in Reno saying 73 and we thank you for listening.

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